

Author Index Volume 19, 1991

- Abdel-Alim, M.Q., see El-Atfy, H.E. et al.
- Ayars, J.E., see Hutmacher, R.B. et al.
- Ayars, J.E., Hutmacher, R.B., Vail, S.S. and Schoneman, R.A. (Fresno, CA, USA)
Cotton response to nonuniform and varying depths of irrigation 151
- Bassett, D.L., see Stockle, C.O. et al.
- Berengena, J., see Mateos, L. et al.
- Biere, A.W., see Lee, E.S. et al.
- Biggar, J.W., see Nightingale, H.I. et al.
- Bucks, D.A., see Hunsaker, D.J. et al.
- Buller, O., Manges, H.L., Stone, L.R. and Williams, J.R. (Manhattan, KS, USA)
Modeled crop water use and soil water drainage 117
- Carter, D.C. and Miller, S. (Gaborone, Botswana)
Three years experience with an on-farm macro-catchment water harvesting
system in Botswana 191
- Dauten, K., see Prato, T. and Dauten, K.
- Dierickx, W., see Voet, M. and Dierickx, W.
- Dierickx, W. (Merebelke, Belgium)
Book review of *Proceedings, Symposium 25th International Course on Land Drainage
Experience*, by J. Vos (Editor) 285
- Dinar, A. (Sacramento, CA, USA), Rhoades, J.D., Nash P. and Waggoner B.L.
(Riverside, CA, USA)
Production functions relating crop yield, water quality and quantity, soil salinity and
drainage volume 51
- Diz, J., see Mateos, L. et al.
- El-Amir, S. see Helalia, A.M. et al.
- El-Atfy, H.E., Abdel-Alim, M.Q. (Cairo, Egypt) and Ritzema, H.P. (Wageningen, The
Netherlands)
A modified layout of the subsurface drainage system for rice areas in the Nile Delta,
Egypt 289
- Fereres, E., see Mateos, L. et al.
- George, R.J. (Bunbury, WA, Australia)
Management of sandplain seeps in the wheatbelt of Western Australia 85
- Helalia, A.M., El-Amir, S., Wahdan, A.A. and Shawky, M.E. (Giza, Egypt)
Effect of low salinity water on salt displacement in two soils 43
- Hoffman, G.J., see Nightingale, H.I. et al.
- Hunsaker, D.J. (Phoenix, AZ, USA), Bucks, D.A. (Beltsville, MD, USA) and Jaynes,
D.B. (Ames, IA, USA)
Irrigation uniformity of level basins as influenced by variations in soil water content
and surface elevation 325
- Hutmacher, R.B. (Fresno, CA, USA), Steiner, J.J. (Corvallis, OR, USA), Vail, S.S. and
Ayars, J.E. (Fresno, CA, USA)
Crop water stress index for seed alfalfa: influences of within-season changes in plant
morphology 135

- Hutmacher, R.B., see Ayars, J.E. et al.
 Islam T. (Poznań, Poland)
 Water use of a winter wheat cultivar (*Triticum aestivum*) 77
 James, L.G. see Stockle, C.O. et al.
 Jaynes, D.B., see Hunsaker, D.J. et al.
 Jorjani, H. (Wageningen, The Netherlands) and van Vuuren, W. (Guelph, Ont., Canada)
 Physical and economic benefits of subsurface drainage by soil type in eastern Ontario .. 235
 Kantz, D., see Seginer, I. et al.
 Kriedemann, P.E., see Leuning, R. et al.
 Kruse, E.G. (Fort Collins, CO, USA)
 Book review of *Irrigation Theory and Practice*, by J.R. Rydzewski and C.F. Word 286
 Kumbhare, P.S., see Sharma, D.P. et al.
 Lee, E.S. (Manhattan, KS, USA) Raju, K.S. (Chester, PA, USA) and Biere, A.W. (Manhattan, KS, USA)
 Dynamic irrigation scheduling with stochastic rainfall 253
 Leeds-Harrison, P.B., see Rao, K.V.G.K. and Leeds-Harrison, P.B.
 Leuning, R., Kriedemann, P.E. and McMurtrie, R.E. (Canberra, ACT, Australia)
 Simulation of evapotranspiration by trees 205
 McMurtrie, R.E., see Leuning, R. et al.
 Madramootoo, C.A. (Ste-Anne de Bellevue, Que., Canada) and Rigby, M. (Vauxhall, Canada)
 Effects of trickle irrigation on the growth and sunscald of bell peppers (*Capsicum annuum* L.) in southern Quebec 181
 Manges, H.L., see Buller, O. et al.
 Mateos, L., Berengena, J., Orgaz, F., Diz, J. and Fereres, E. (Cordoba, Spain)
 A comparison between drip and furrow irrigation in cotton at two levels of water supply 313
 Miller, S., see Carter, D.C. and Miller, S.
 Nash, P., see Dinar, A. et al.
 Nightingale, H.I. (Fresno, CA, USA) Hoffman, G.J. (Lincoln, NE, USA) Roldston, D.E. and Biggar, J.W. (Davis, CA, USA)
 Trickle irrigation rates and soil salinity distribution in an almond (*Prunus amygdalus*) orchard 271
 Nir, D., see Seginer, I. et al.
 Orgaz, F., see Mateos, L. et al.
 Papadopoulos, I. and Stylianou Y. (Nicosia, Cyprus)
 Trickle irrigation of sunflower with municipal wastewater 67
 Pathak, P. (Patancheru, India)
 Runoff sampler for small agricultural watersheds 105
 Prato, T. and Dauten, K. (Columbia, MO, USA)
 Economic feasibility of agricultural management practices for reducing sedimentation in a water supply lake 361
 Raju, K.S., see Lee, E.S. et al.
 Rao, K.V.G.K., see Sharma, D.P. et al.
 Rao, K.V.G.K. (Karnal, India) and Leeds-Harrison, P.B. (Silsoe, U.K.)
 Desalinisation with subsurface drainage 303
 Rhoades, J.D., see Dinar, A. et al.
 Rigby, M., see Madramootoo, C.A. and Rigby, M.
 Ritzema, H.P., see El-Afy, H.E. et al.
 Rolston, D.E., see Nightingale, H.I. et al.
 Saxton, K.E., see Stockle, C.O. et al.

- Schoneman, R.A., see Ayars, J.E. et al.
- Seginer, I., Kantz, D. and Nir, D. (Haifa, Israel)
 The distortion by wind of the distribution patterns of single sprinklers 341
- Shawky, M.E., see Helalia et al.
- Sharma, D.P., Singh, K.N., Rao, K.V.G.K. and Kumbhare, P.S. (Karnal, India)
 Irrigation of wheat with saline drainage water on a sandy loam soil 223
- Shiati, K. (Wageningen, The Netherlands)
 A regional approach to salinity management in river basins. A case study in southern Iran 27
- Singh, K.N., see Sharma, D.P. et al.
- Steiner, J.J., see Hutmacher, R.B. et al.
- Stockle, C.O., James, L.G., Bassett, D.L. and Saxton, K.E. (Pullman, WA, USA)
 Effect of evapotranspiration underprediction on irrigation scheduling and yield of corn: a simulation study 167
- Stylianou, Y., see Papodopoulos, I. and Sylianou, Y.
- Stone, L.R., see Buller, O. et al.
- Vail, S.S., see Hutmacher, R.B. et al.
- Vail, S.S., see Ayars, J.E. et al.
- van der Molen W.H. and Wesseling J. (Wageningen, The Netherlands)
 A solution in closed form and a series solution to replace the tables for the thickness of the equivalent layer in Hooghoudt's drain spacing formula 1
- van Vuuren, W., see Jorjani, H. and van Vuuren, W.
- Voet, M. and Dierickx, W. (Merelbeke, Belgium)
 Roughness coefficients of watercourses revetted with half-circular concrete pipes. Results of field measurements in watercourse S 333 at Maarkedal 17
- Waggoner, B.L., see Dinar, A. et al.
- Washdan, A.A., see Helalia et al.
- Wesseling, J., see van der Molen, W.H. and Wesseling, J.
- Williams, J.R., see Buller, O. et al.